

Message Text

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ACTION EB-07

INFO OCT-01 CIAE-00 COME-00 DODE-00 NRC-05 NSAE-00 TRSE-00

EUR-12 ERDA-05 ISO-00 MC-02 ACDA-05 EA-07 /044 W

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R 162120Z DEC 75

FM USMISSION OECD PARIS

TO SECSTATE WASH DC 9794

C O N F I D E N T I A L SECTION 1 OF 2 OECD PARIS 32868

EXCON

E.O. 11652: XGDS1

TAGS: ESTC, COCOM

SUBJECT: 1974 COCOM LIST REVIEW: IL 1529, ELECTRONIC INSTRUMENTS

RREFS: A. COCOM DOC REV (74) 1529/5

B. COCOM DOC REV (74) 1529/6

C. COCOM DOC REV (74) 1529/7

DC. ANNEX TO COCOM DOC REV (74) 1529/5

E. STATE 242690

1. DISCUSSION OF THIS ITEM BEGAN ON THE AFTERNOON OF DECEMBER 2 AND CARRIED OVER TO DEC. 3 1975. AS MIGHT BE EXPECTED, SINCE THIS IS ONE OF THE MORE IMPORTANT ITEMS ON THE IL, THE DISCUSSION WAS QUITE INTENSE AT TIMES AND ALMOST BROKE DOWN COMPLETELY WHEN THE SUBJECT OF MICROPROCESSORS CAME UP. THE US PROPOSAL TABLED IN ROUND II (REF A) WAS THE BASIS FOR ROUND IV DISCUSSIONS. ACTING UNDER INSTRUCTIONS (REF E) THE US TEAM PROCEEDED TO DISCUSS 1529.

2. THE US LIFTED ITS AD REF AND ACCEPTED SUB-ITEM (A)(I) AS APPEARING IN PARAGRAPH 42 OF REF B. WE STATED OUR CONCERN REGARDING THE TERMS "AND ACCURACY" APPEARING IN SUB-ITEM (A)(888) AND SUGGESTED ITS DELETION. ALL DELEGATIONS AGREED TO THE DELETION EXCEPT THE FRENCH WHO FOLLOWED THE

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MAJORITY ON THIS POINT. ALSO, ALL DELEGATIONS AGREED TO

DELETE THE NOTE REFERENCING TCXO'S AND 1587. IT WAS NOT CONSIDERED NECESSARY SINCE THEY WILL CLEARLY BE COVERED IN 1587.

3. SUB-ITEM (B)(1) WAS ACCEPTED BY ALL. SUB-ITEM (B)(2) (I) RAN INTO CONSIDERABLE RESISTANCE, HOWEVER, WHEN THE FRENCH STATED THEY COULD NOT ACCEPT IT BECAUSE MANY LOW PERFORMANCE COMB GENERATORS HAVE HARMONIES WHICH OPERATE ABOVE THE NORMAL RANGE OF THE INSTRUMENT. AFTER SEVERAL ATTEMPTS TO ARRIVE AT A SOLUTION, THE DUTCH SUGGESTED INCLUDING THE WORDS "AND RATED" AFTER "DESIGNED" IN THE HEADING OF (B)(2). THIS SATISFIED THE FRENCH AND KEPT OUR PURPOSE INTACT.

4. AFTER SOME EXPLANATIONS (WILL LEAVE THEM FOR THE RECORD) BY THE US AND FRANCE, ALL DELEGATIONS ACCEPTED (B)(2)(II) AND (B)(2)(III).

5. THE US PROPOSED RETURNING TO THE PRESENT LANGUAGE (APPEARS IN PRESENT (B)(3)(I)) BUT MOST DELEGATIONS WERE SATISFIED WITH THE NEW LANGUAGE WITH THE EXPLANATIONS GIVEN BY US EXPERTS. ALL AGREED AS ORIGINALLY PROPOSED.

6. SUB-ITEM (B)(3)(88) WAS AGREED UPON WITH THE FOLLOWING TEXT: "SPECIALLY CALIBRATED MICRO-WAVE INSTRUMENTATION RECEIVERS CAPABLE OF MEASURING AMPLITUDE AND PHASE SIMULTANEOUSLY;" (SEE PARAS. 43 & 45 OF REF C). ALL DELEGATIONS ACCEPTED THIS AMENDED VERSION. SUB-ITEM (B)(3)(III) WAS ACCEPTED BY ALL (VERSION APPEARING TO PARA. 61 OF REF C) AS WAS (B)(3)(IV) AND (B)(4).

7. SUB-ITEM (B)(5) DID NOT FARE AS WELL AS THE PREVIOUS PARAGRAPHS. DEBATE WAS LONG AND TEDIOUS WITH THE GERMAN, NETHERLANDS AND JAPANESE DELEGATIONS STATING THEY FELT IT WAS TOO BROAD. THE UK ACCEPTED AND THE FRENCH REMAINED NEUTRAL THROUGHOUT, NOT MAKING ANY STATEMENTS. THE GERMANS, SENSING THAT FURTHER DEBATE WOULD NOT PRODUCE RESULTS OBJECTED TO THE US PROPOSAL. WITH THAT, DISCUSSION ENDED FOR THE DAY.

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8. USDEL/WASH TEAM RETURNED TO THE OFFICE TO PREPARE A STRATEGY FOR THE NEXT DAY'S DISCUSSION. EXPERTS FELT THAT THE MICROPROCESSOR INSTRUMENTS WERE THE HEART OF OUR PROPOSAL AND THAT WITHOUT THEIR INCLUSION WE WOULD HAVE TO WITHDRAW THE ENTIRE PROPOSAL. AFTER MANY ATTEMPTS TO COME UP WITH A SOLUTION, WE FINALLY DECIDED TO DEFINE MORE CLEARLY THE MICROPROCESSOR IN TERMS OF ITS COMPUTING CAPABILITY.

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9. THE FOLLOWING DAY (DEC. 4, 1975) WE TABLED THE FOLLOWING DEFINITION: "FOR THE PURPOSE OF THIS DEFINITION, MICROPROCESSOR MUST HAVE THE CAPABILITY TO ADDRESS MORE THAN 1024 DIFFERENT LOCATIONS IN THE PROGRAM MEMORY AND THE PROGRAM MEMORY MUST HAVE A CAPACITY FOR MORE THAN 1924 LOCATIONS." THIS CONCEPT RECEIVED WIDE SUPPORT AND AFTER MAY SUGGESTIONS INCLUDING TYING THIS IN WITH 1565, MOST DELEGATIONS AGREED TO THE FOLLOWING LANGUAGE FOR (B)(5) WHICH PROVIDES THE SAME COVERAGE:

"INCORPORATING COMPUTING FACILITIES CAPABLE OF ADDRESSING AN INTERNAL FIXED OR ALTERABLE MEMORY, AS FOLLOWS: (A) OF MORE THAN 2048 BITS FOR WORD LENGTHS EXCEEDING 4 BITS; OR (B) OF MORE THAN 4096 BITS FOR WORD LENGTHS OF 4 BITS OR LESS."

IN ADDITION, AT THE GERMAN DELEGATION'S SUGGESTION, THE UK WITHDREW THEIR PROPOSED HEADING CHANGE AND ALL DELEGATIONS AGREED TO STAY WITH THE PRESIDENT HEADING TO 1529. THE FINAL AGREEMENT TO THE ADDITION OF MICROPROCESSOR INSTRUMENTS TO THIS ITEM IS NOT ASSURED SINCE THE JAPANESE ARE IN RESERVE PENDING INSTRUCTIONS FROM TOKYO. THEIR OPENING STATEMENT INDICATED THEY FELT THAT THE ADDITION OF THIS ITEM WOULD HAVE "FAR REACHING" EFFECTS. A FINAL POSITION WILL PROBABLY NOT COME FROM JAPAN BEFORE THE LAST SEVERAL DAYS OF THE LIST REVIEW. ALL OTHER DELEGATIONS HAVE ACCEPTED.

10. HAVING ACHIEVED (WE HOPE) THE DESIRED GOAL IN (B)(5)

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THE US WITHDREW ITS PROPOSAL FOR (B)(6) SINCE THESE INSTRUMENTS WOULD BE COVERED UNDER EITHER THE A/D CONVERTER ENTRY OR THE MICROPROCESSOR ENTRY. WE ALSO WITHDREW OUR PROPOSAL OF (D)(IV) SINCE THEY WOULD NOW BE COVERED UNDER (B)(5).

11. ALL DELEGATIONS ACCEPTED THE US AMENDMENT FOR THE FFT NOTE (ADDED "ONE EXAMPLE OF") AS WELL AS THE UK EDITORIAL AMENDMENT TO THE CANADIAN PROPOSED AND FOR MICROPROCESSORS. THE WORDS "CONTAINING MICROPROCESSORS." WERE DELETED.

12. THE NETHERLANDS SUGGESTED THAT THE DEFINITIONS SUBMITTED DURING ROUND II BY THE US SHOULD BE PLACED IN AND SOU (REF D). THE US OFFERED TO RESUBMIT THE DEFINITIONS OMITTING THOSE NO LONGER PERTINENT AND TAKING INTO CONSIDERATION COMMENTS OF COMMITTEE MEMBERS.

13. AS THE ITEM NOW STANDS THE ONLY ISSUES REMAINING ARE THE RESUBMISSION OF THE DEFINITIONS AND THE JAPANESE RESERVE ON (B)(5). ALL OTHERS HAVE BEEN SATISFACTORILY RESOLVED.

14. ON DEC. 11, AFTER FOREGOING WAS DRAFTED, THE JAPANESE DELEGATION PROPOSED A WORD CHANGE TO THE (B)(5) DEFINITION NOTED IN PARA (9) ABOVE. THE USDEL OBJECTED TO THIS JAPANESE PROPOSAL, WHICH THEY THEN WITHDREW. SUBSEQUENTLY THE JAPANESE CONFIRMED THEIR AD REF AGREEMENT TO THE (B)(5) DEFINITION WHICH ALL OF THE OTHER PC'S HAD AGREE TO. THUS, COCOM AGREEMENT HAS BEEN REACHED ON ALL OF IL 1529 EXCEPT FOR THE FRENCH CONCERNS OVER TWO OF THE DEFINITIONS IN THE SOU (COMB FREQUENCY GENERATORS AND FREQUENCY CONVERTERS).

15. ACTION REQUESTED: REVISED DEFINITIONS AS NOTED IN PARA. 14 FOR THE SOU.
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